

MSUD valve plug BI-11mm with cable

PUR 3x0.75 bk UL/CSA+robot+drag ch. 3m

MSUD Form BI (11 mm) 24 V AC ±20% / DC ±25% LED and suppression

Further cable lengths on request.

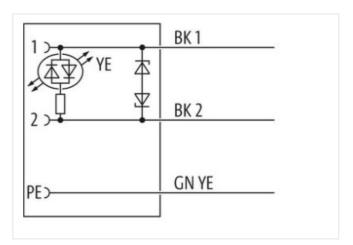
Plastic housings with good resistance against chemicals and oils.

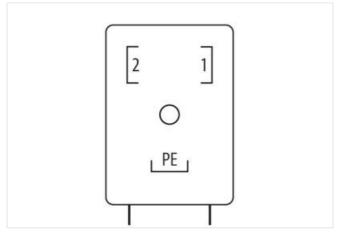
The resistance to aggressive media should be individually tested for your application. Further details on request.

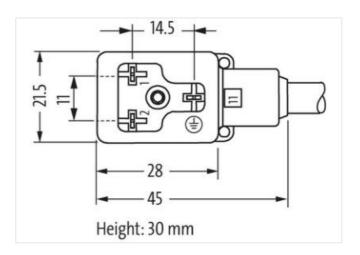
Link to Product

Illustration









Product may differ from Image









Cable length

3 m

Side 1

Tightening torque 0,4 Nm



stay connected

| Family construction form MSUD BI Thread M3 | Mounting method | inserted, screwed |
|--|--|---------------------------------------|
| Tread | Family construction form | |
| Metroid PBT | | |
| Commercial data | Material | PBT |
| Commercial data | Degree of protection (EN IEC 60529) | IP67 |
| ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 2700311 ECLASS-9.1 2700312 ECLASS-11.1 2700312 ECLASS-12.0 2700312 ECLASS-17.0 2700312 ECLASS-17.0 2700312 ECLASS-17.0 404872 ECLASS-17.0 404872 TIMS-6 E001855 customs sairf number 8544220 GTIN 40487221200 Packaging unit 1 Electrical data 1 Dop out dissip from xx. 20 ns Electrical data Supply 1 Operating voltage AC 24 V Operating voltage AC max. 28 8 V Operating voltage AC max. 28 8 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut of pack voltage DC min. 18 V Operating voltage DC max. 55 V Current consumption max. 15 nA Diagnostics <t< td=""><td></td><td></td></t<> | | |
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| Operating temperature max. 85 °C | | |
| | Operating temperature max. | 85 °C |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-21



stay connected

| Additional condition temperature range | depending on cable quality |
|---|---|
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation Cable | |
| wire arrangement | black 1, black 2, green-yellow |
| Cable identification | 656 |
| Cable Type | 5 |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| wire arrangement | black 1, black 2, green-yellow |
| Cable weigth | 48,4 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 58 ± 3 Shore D |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 5,2 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 3 |
| Outer diameter insulation | 1,7 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 74 ± 3 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0.75 mm ² |
| <u> </u> | · · · · · · · · · · · · · · · · · · · |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 12 A |
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2,5 kV @ 60 s |
| Power frequency withstand voltage (wire - acket) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Travel speed (C-track) | 3,3 m/s @ 25 °C |
| No. of torsion cycles | 1 Mio. |
| Torsion stress | ± 360 °/m |

Product-PDF for Article 7000-11021-6560300



Torsion speed

35 cycles/min